



National Transportation Safety Board Aviation Accident Data Summary

Location:	BISMARCK, ND	Accident Number:	DEN87LA062
Date & Time:	03/06/1987, 0900 CST	Registration:	N9025V
Aircraft:	BEECH 58	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PLT, WHILE AT CRUISE, DETECTED AN ODOR HE SUSPECTED TO BE OVERHEATED ELECTRICAL WIRING. HE DIVERTED TO A NEARBY ARPT FOR A PRECAUTIONARY LANDING. THE PLT SHUTDOWN ALL ELECTRICAL PWR AFTER COMMUNICATION WITH THE TWR. PRIOR TO LANDING, THE PLT TURNED ON ELECTRICAL PWR TO LOWER THE LANDING GEAR BY NORMAL PROCEDURES. HE ASSUMED THAT THE GEAR WAS DOWN AND LOCKED BUT DID NOT HAVE A POSITIVE INDICATION. THE PLT DID NOT USE THE HAND CRANK TO VERIFY THAT THE GEAR WAS LOCKED. THE GEAR COLLAPSED ON TOUCHDOWN.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: CRUISE - NORMAL

Findings

1. ELECTRICAL SYSTEM,BATTERY - OVERTEMPERATURE
2. REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: COMPLETE GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (C) GEAR DOWN AND LOCKED - NOT OBTAINED - PILOT IN COMMAND
4. (C) UNSAFE/HAZARDOUS CONDITION WARNING - NOT IDENTIFIED - PILOT IN COMMAND
5. (C) REMEDIAL ACTION - NOT PERFORMED - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	41
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	5029 hours (Total, all aircraft), 85 hours (Total, this make and model), 4629 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N9025V
Model/Series:	58 58	Engines:	2 Reciprocating
Operator:	JOHNSON CONSTRUCTION CO.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	IO 520 C
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BIS, 1677 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 80°
Temperature:	-3° C	Visibility	12 Miles
Precipitation and Obscuration:			
Departure Point:	FARGO, ND (FAR)	Destination:	SPEARFISH, SD (SPF)

Airport Information

Airport:	BISMARCK MUNICIPAL (BIS)	Runway Surface Type:	Asphalt
Runway Used:	13	Runway Surface Condition:	Dry
Runway Length/Width:	8788 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): ROBERT B COLLINS

Adopted Date: 05/02/1988

Investigation Docket: NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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